

# Stormwater Pollution Prevention



# SPCC

Spill Prevention Control and  
Countermeasure

Why is Training Required?

- ◆ **General Industrial Storm Water Permit issued by Ohio EPA.**
- ◆ **Requirements can be found in General Permit OHR000006**





**Why is Training Required?**

◆ **Greater than 1,320 gallons of oil storage**

◆ **SPCC Regulations in 40 CFR 112**

# Where are the SWPPP and SPCC Plans Located?

- ◆ EHS Offices
- ◆ Company Intranet

## Important Locations

- ◆ **Storm water drains and outfalls**
- ◆ **Outdoor storage locations**
  - ◆ **Dust collectors**
  - ◆ **Scrap bins**
  - ◆ **Outside storage, and scrap and waste bins**
- ◆ **Oil storage locations**
  - ◆ **Tank, tote, and drum storage**
  - ◆ **Oil filled equipment (i.e. hydraulic presses and transformers)**

## Authorized Nonstormwater Discharges

If it is not on the list it cannot go down the storm drain unless another permit is obtained from EPA!

- ◆ Discharges from fire-fighting activities (not planned exercises);



## Authorized Nonstormwater Discharges

If it is not on the list it cannot go down the storm drain unless another permit is obtained from EPA!

◆ Fire hydrant flushing;



## Authorized Nonstormwater Discharges

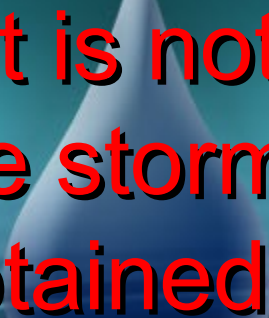
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- ◆ Potable water, including water line flushing;





## Authorized Nonstormwater Discharges



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- ◆ Uncontaminated condensate from air conditioners, coolers, and other compressors and from the outside storage of refrigerated gases or liquids;

## Authorized Nonstormwater Discharges

If it is not on the list it cannot go down the storm drain unless another permit is obtained from EPA!

◆ Irrigation drainage;



## Authorized Nonstormwater Discharges

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- ◆ Landscape watering provided all pesticides, herbicides, and fertilizer have been applied in accordance with the approved labeling;



## Authorized Nonstormwater Discharges

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- ◆ Pavement wash waters where no detergents are used and no spills or leaks of toxic or hazardous materials have occurred



## Authorized Nonstormwater Discharges

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- ◆ Routine external building wash-down that does not use detergents;



## Authorized Nonstormwater Discharges

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- ◆ Uncontaminated ground water or spring water;



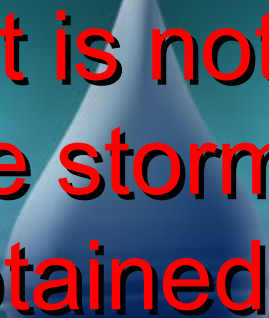
## Authorized Nonstormwater Discharges

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- ◆ Foundation or footing drains;  
and



## Authorized Nonstormwater Discharges



If it is not on the list it cannot go down the storm drain unless another permit is obtained from EPA!

- ◆ Windblown mist from cooling towers



# Stormwater Controls

- ◆ Good Housekeeping
- Spill Prevention
- Maintenance
- Exposure Minimization
- Spill Clean-up



## Good Housekeeping

- ◆ Routinely sweep areas where trash may accumulate (i.e. compactors and storage bins).
- ◆ Do not store contaminated materials outside.



# Stormwater Controls

Good Housekeeping

◆ Spill Prevention

Maintenance

Exposure Minimization

Spill Clean-up



## Spill Prevention

- ◆ **Utilize secondary containment (i.e. store inside building away from doors and exits, dikes, double walled containers)**



## Spill Prevention

- ◆ **Oil storage containers 55 gallons or greater are required to have secondary containment.**



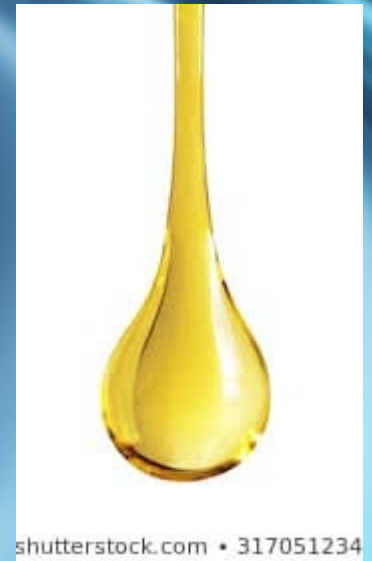


**Spill Prevention**

**Be diligent and maintain awareness - these are key components in achieving regulatory compliance, environmental protection, and occupational safety and health.**

## Spill Prevention

- ◆ **Transfer operations must not be unattended**
- ◆ **Use drip pads or buckets to capture drips or leaks at connection points**
- ◆ **Clean up any drips or leaks immediately**



# Spill Kits





## Small Spill Kits



### Contents:

- ◆ 2 absorbent socks
- ◆ 4 absorbent mats
- ◆ 1 repair putty
- ◆ 1 dust mask
- ◆ 1 pair of rubber gloves
- ◆ 1 trash bag

## Spill Kits

- **Contents:**
  - absorbent socks
  - absorbent mats
  - repair putty
  - dust mask
  - pairs of rubber gloves
  - Tyvek suits
  - trash bags
  - latex over boots
  - pairs of goggles





# Stormwater Controls

Good Housekeeping

Spill Prevention

◆ Maintenance

Exposure Minimization

Spill Clean-up



## Maintenance Of Structural Stormwater Controls

- ◆ Stormwater outfall
- ◆ Oil/water separators
- ◆ Catch basins and drain filters



# Stormwater Controls

Good Housekeeping

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◆ Exposure Minimization

Spill Clean-up





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## Exposure Minimization

- ◆ **NEVER use storm drains or ditches for waste disposal**



Exposure Minimization

- ◆ **Keep lids closed on waste bins**
- ◆ **Do not store potential pollutants near roof downspouts or storm drain inlets**



**Exposure Minimization**

## **What to do if a fluid leak is discovered**

- ◆ **Place a drip pan under the leak or use absorbent pads or socks to contain the leak until the source can be repaired.**
- ◆ **Contact maintenance, your supervisor, and EHS**



# Stormwater Controls

Good Housekeeping

Spill Prevention

Maintenance

Exposure Minimization

◆ Spill Clean-up



# Questions? Contact EHS

